

5' GCG CGG NCA GAC GNC AGC GCC ATG GAG GAG TAC GCT CGG GAG CCC TGC CCA TGG 54
 9 M E E Y A R E P C P W
 18 36 45
 63 72 81 90 99 108
 CGA ATT GTG GAT GAT TGC GGT GGA GCC TTC ACT ATG GGT GTC ATC GGT GGC GGA
 R I V D D C G G A F T M G V I G G G
 117 126 135 144 153 162
 GTC TTC CAG GCC ATC AAG GGT TTC CGC AAT GCC CCT GTT GGA ATT CGG CAC CGG
 V F Q A I K G F R N A P V G I R H R
 171 180 189 198 207 216
 TTG AGA GGT AGT GCC AAT GCT GTG AGG ATC CGA GCC CCC CAG ATT GGA GGT AGC
 L R G S A N A V R I R A P Q I G G S
 225 234 243 252 261 270
 TTC GCA GTG TGG GGG GGC CTG TTC TNC ACC ATT GAC TGT GGC CTG GTG CGG CTT
 F A V W G G L F X T I D C G L V R L
 279 288 297 306 315 324
 CGG GGC AAG GAG GAT CCC TGG AAC TCT ATC ACC AGT GGA GCA TTG ACC GGG GCT
 R G K E D P W N S I T S G A L T G A
 333 342 351 360 369 378
 GTG CTG GCT GCC CGC AGT GGC CCA CTG GCC ATG GTG GGC TCA GCA ATG ATG GGG
 V L A A R S G P L A M V G S A M M G

FIGURE 1A

387	396	405	414	423	432
GGC ATC CTG TTG GCC CTC ATT GAG GGC GTT GGC ATC CTC ACT CGC TAC ACA					
G I L L A L I E G V G I L L T R Y T					
441	450	459	468	477	486
GCC CAG CAG TTC CGA AAT GCG CCC CCA TTC CTG GAG GAC CCC AGC CAG CTG CCC					
A Q Q F R N A P P F L E D P S Q L P					
495	504	513	522	531	540
CCT AAG GAT GGC ACC CCG GCC CCA GGC TAC CCC AGC TAT CAG TAC CAC TGA					
P K D G T P A P G Y P S Y Q Y H					
549	558	567	576	585	594
GGA AGC CAC TGC CAC CAT GGG AGC TAC TTC TCG GTT CCC TCC CCG ATG GTC TAC					
603	612	621	630	639	648
CTC GAA GGG AGG GCT GGC TCC CAG TTA GCC CTG GGA CCC TCC AGA GAG GGT TTC					
TAT CTG T 3'					

FIGURE 1B

1	M E - E Y A R E P C P W R I V D D C G G	1318463
1	M E - E Y A R E P C P W R I V D D C G G	GI 1770564
1	M S A D H S R D P C P I V I L N D F G G	GI 557267
20	A F T M G V I G G G V F Q A I K G F R N	1318463
20	A F T M G T I G G G I F Q A I K G F R N	GI 1770564
21	A F A M G A I G G V V W H G I K G F R N	GI 557267
40	A P V G I R H R L R G S A N A V R I R A	1318463
40	S P V G V N H R L R G S L T A I K T R A	GI 1770564
41	S P L G - - E R G S G A M S A I K A R A	GI 557267
60	P Q I G G S F A V W G G L F X T I D C G	1318463
60	P Q L G G S F A V W G G L F S M I D C S	GI 1770564
59	P V L G G N F G V W G G L F S T F D C A	GI 557267
80	L V R L R G K E D P W N S I T S G A L T	1318463
80	M V Q V R G K E D P W N S I T S G A L T	GI 1770564
79	V K A V R K R E D P W N A I I A G F F T	GI 557267
100	G A V L A A R S G P L A M V G S A M M G	1318463
100	G A I L A A R N G P V A M V G S A A M G	GI 1770564
99	G G A L A V R G G W R H T R N S S I T C	GI 557267
120	G I L L A L I E G V G I L L T R Y T A -	1318463
120	G I L L A L I E G A G I L L T R F A S -	GI 1770564
119	A C L L G V I E G V G L M F Q R Y A A W	GI 557267
139	Q Q F R N A P P F L E D P S Q L P P K D	1318463
139	A Q F P N G P Q F A E D P S Q L P S T Q	GI 1770564
139	Q A K P M A P P L P E A P S S Q P L Q A	GI 557267
159	G T P A P G Y P S Y Q Q Y H	1318463
159	- L P S S P F G D Y R Q Y Q	GI 1770564
158		GI 557267

FIGURE 2

204010" 20E3E007

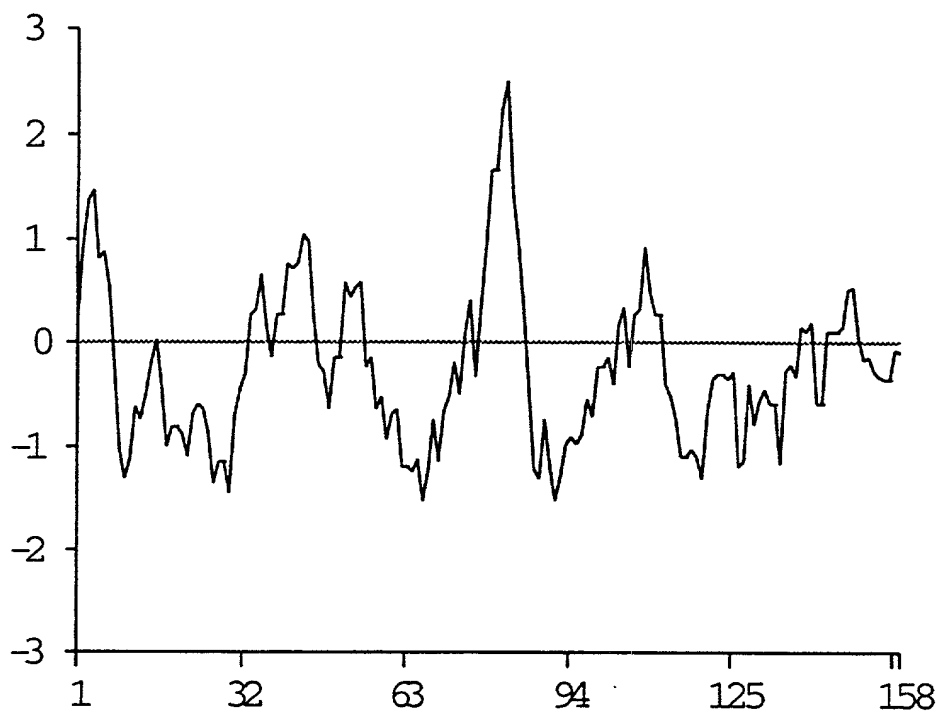


FIGURE 4